

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
(ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status
data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS 16 APR 18 New CAS Information Use Policies available online
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAPLUS and USPATFULL/USPAT2
may be affected by a change in filing date for U.S.
applications.
NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAPLUS

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:46:03 ON 16 MAY 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:46:09 ON 16 MAY 2005

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STRUCTURE FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

DICTIONARY FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L1 SCREEN CREATED

=>

L2 STRUCTURE UPLOADED

=>

L3 QUE L2 AND L1

=> s sam l3

SAMPLE SEARCH INITIATED 07:46:44 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1586 TO ITERATE

63.1% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 29331 TO 34109
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> fil stnguide

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
3.01	3.22

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 07:50:26 ON 16 MAY 2005

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COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 13, 2005 (20050513/UP).

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=> fil reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
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FULL ESTIMATED COST          0.24      3.46
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FILE 'REGISTRY' ENTERED AT 07:52:59 ON 16 MAY 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4
DICTIONARY FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,  *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> log h
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.86      4.32
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SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:54:06 ON 16 MAY 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 07:56:18 ON 16 MAY 2005
FILE 'REGISTRY' ENTERED AT 07:56:18 ON 16 MAY 2005
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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.86      4.32
```

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=>

L5 SCREEN CREATED

=>

L6 STRUCTURE UPLOADED

=>

L7 QUE L6 AND L5

=> s sam l7

SAMPLE SEARCH INITIATED 07:57:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1586 TO ITERATE

63.1% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

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BATCH **COMPLETE**

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PROJECTED ANSWERS: 1 TO 106

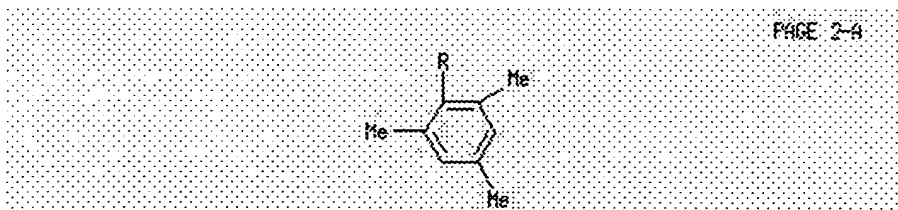
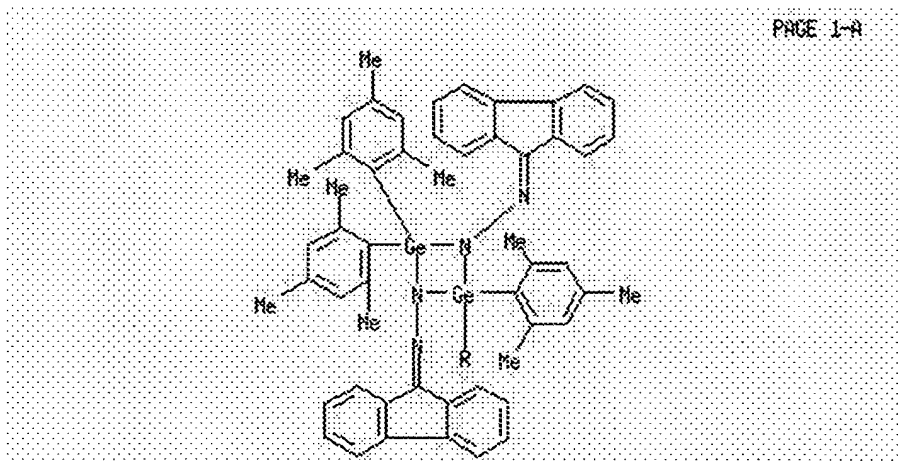
L8 1 SEA SSS SAM L6 AND L5

=> d scan

L8 1 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 1,3,2,4-Diazadigermetidine-1,3-diamine, N,N'-di-9H-fluoren-9-ylidene-
2,2,4,4-tetrakis(2,4,6-trimethylphenyl)-, cis- (9CI)

MF C62 H60 Ge2 N4



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ALL ANSWERS HAVE BEEN SCANNED

=> s sss full l7

FULL SEARCH INITIATED 07:58:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 32469 TO ITERATE

100.0% PROCESSED 32469 ITERATIONS

21 ANSWERS

SEARCH TIME: 00.00.01

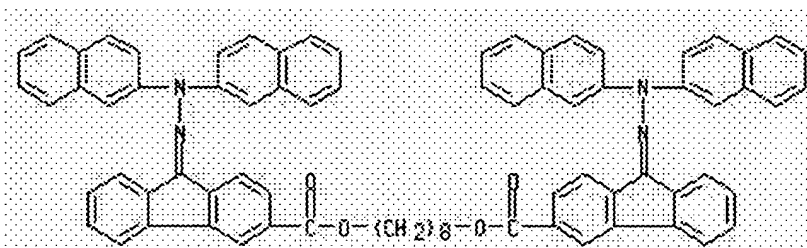
L9 21 SEA SSS FUL L6 AND L5

=> d scan

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9H-Fluorene-3-carboxylic acid, 9-(di-2-naphthalenylhydrazono)-,
1,8-octanediyl ester (9CI)

MF C76 H58 N4 O4



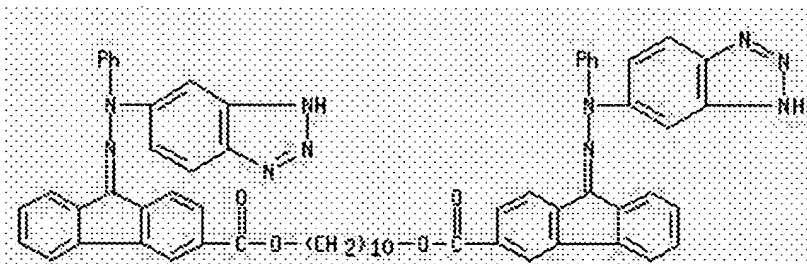
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9H-Fluorene-3-carboxylic acid, 9-(1H-benzotriazol-5-ylphenylhydrazono)-,
1,10-decanediyl ester (9CI)

MF C62 H52 N10 O4



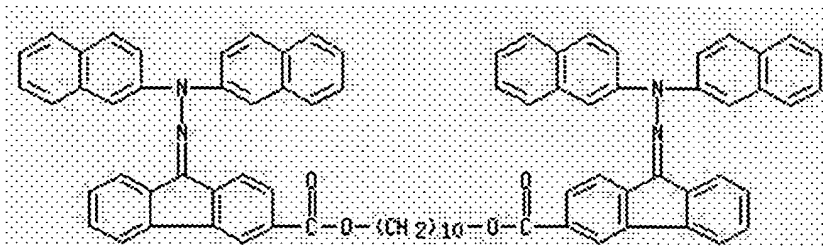
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

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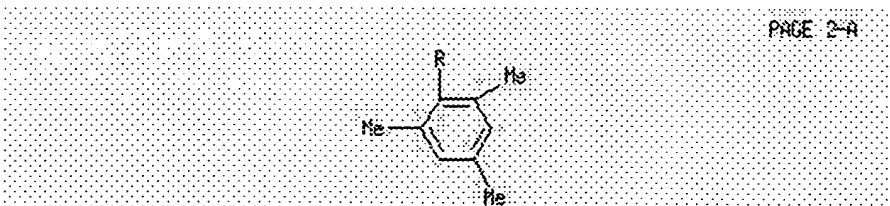
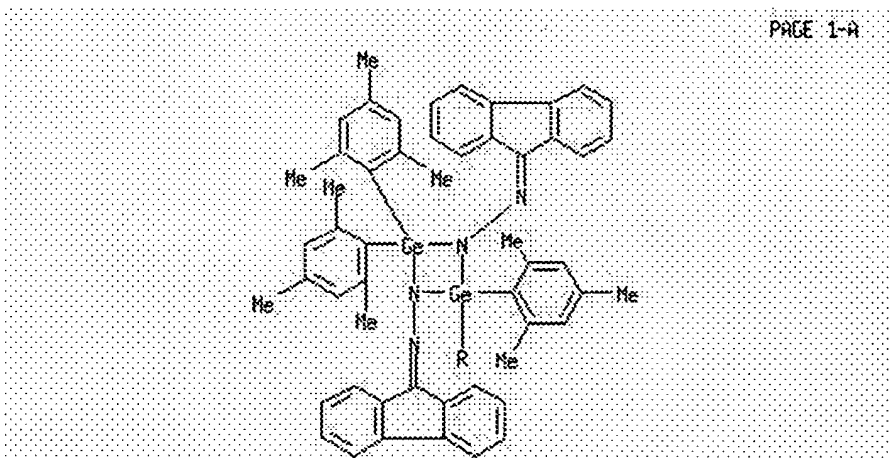
IN 9H-Fluorene-3-carboxylic acid, 9-(di-2-naphthalenylhydrazono)-,
1,10-decanediyl ester (9CI)
MF C78 H62 N4 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

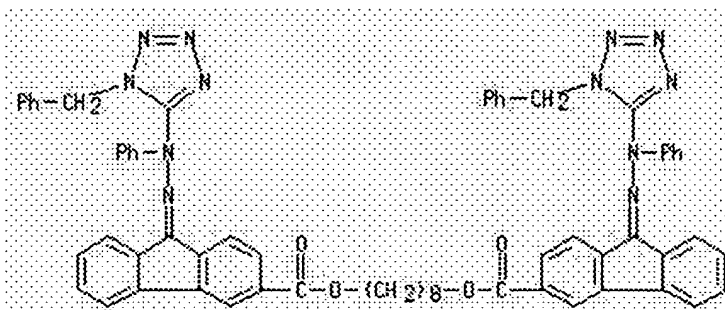
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 1,3,2,4-Diazadigermetidine-1,3-diamine, N,N'-di-9H-fluoren-9-ylidene-
2,2,4,4-tetrakis(2,4,6-trimethylphenyl)-, cis- (9CI)
MF C62 H60 Ge2 N4



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

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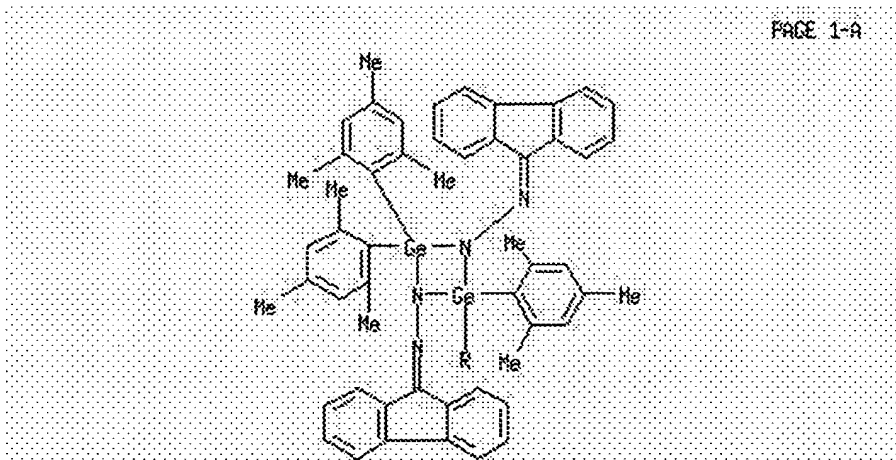
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-[phenyl[1-(phenylmethyl)-1H-tetrazol-5-yl]hydrazono]-, 1,8-octanediyl ester (9CI)
 MF C64 H54 N12 O4

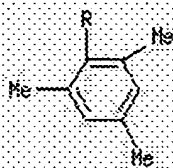


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

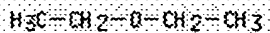
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 1,3,2,4-Diazadigermetidine-1,3-diamine, N,N'-di-9H-fluoren-9-ylidene-2,2,4,4-tetrakis(2,4,6-trimethylphenyl)-, trans-, compd. with 1,1'-oxybis[ethane] (9CI)
 MF C62 H60 Ge2 N4 . x C4 H10 O

CM 1





CM 2

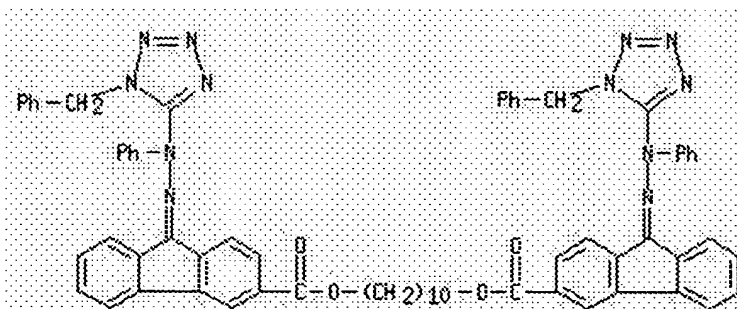


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9H-Fluorene-3-carboxylic acid, 9-[phenyl[1-(phenylmethyl)-1H-tetrazol-5-yl]hydrazono]-, 1,10-decanediyl ester (9CI)

MF C66 H58 N12 O4



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

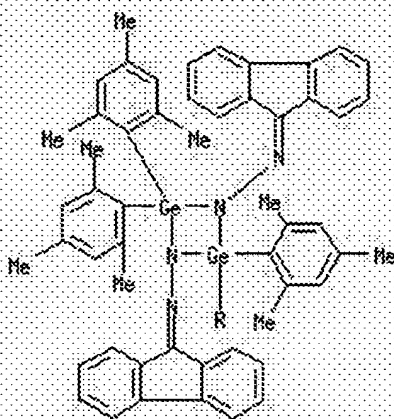
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 1,3,2,4-Diazadigermetidine-1,3-diamine, N,N'-di-9H-fluoren-9-ylidene-2,2,4,4-tetrakis(2,4,6-trimethylphenyl)-, trans- (9CI)

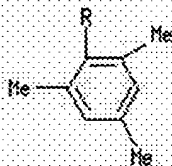
MF C62 H60 Ge2 N4

CI COM

PAGE 1-A

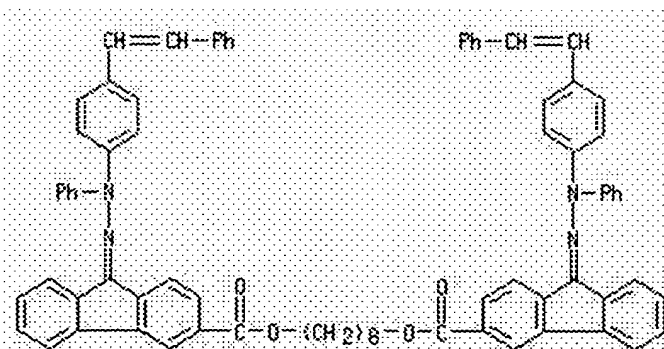


PAGE 2-A



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-[phenyl[4-(2-phenylethenyl)phenyl]hydrazono]-, 1,8-octanediyl ester (9CI)
 MF C76 H62 N4 O4

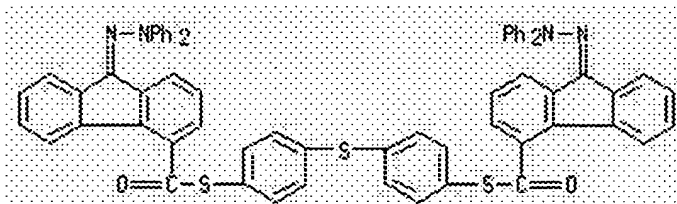


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

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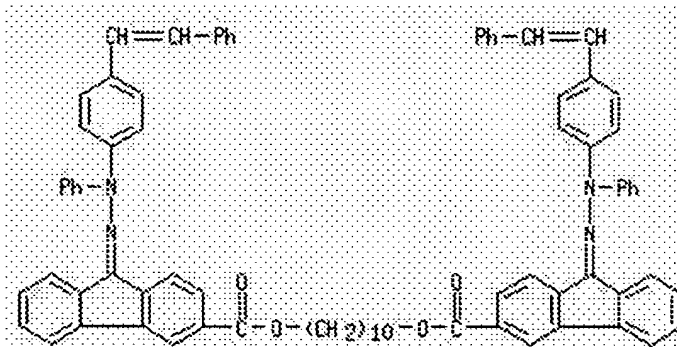
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN INDEX NAME NOT YET ASSIGNED
 MF C64 H42 N4 O2 S3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-[phenyl[4-(2-phenylethenyl)phenyl]hydrazono]-, 1,10-decanediyl ester (9CI)
 MF C78 H66 N4 O4

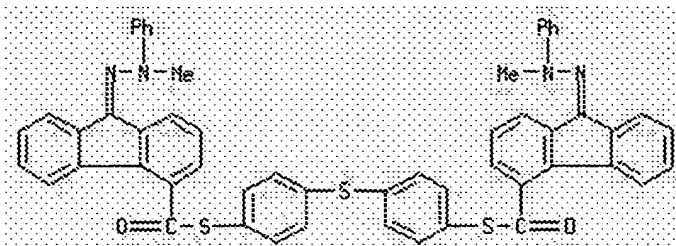


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN INDEX NAME NOT YET ASSIGNED
 MF C54 H38 N4 O2 S3

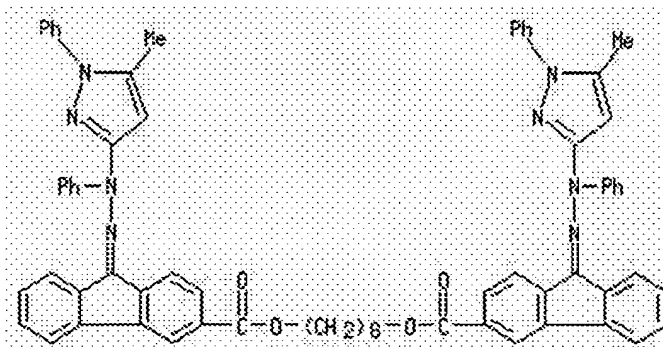
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-[(5-methyl-1-phenyl-1H-pyrazol-3-yl)phenylhydrazono]-, 1,8-octanediyl ester (9CI)
 MF C68 H58 N8 O4

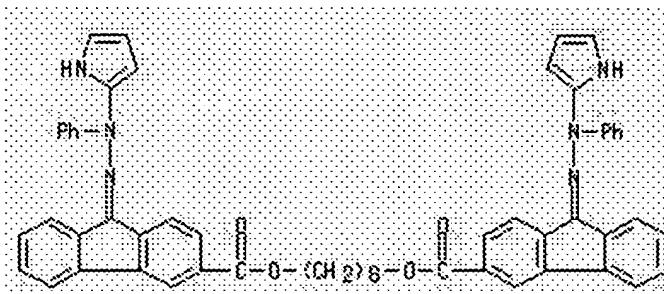


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-(phenyl-1H-pyrrol-2-ylhydrazono)-, 1,8-octanediyl ester (9CI)
 MF C56 H48 N6 O4

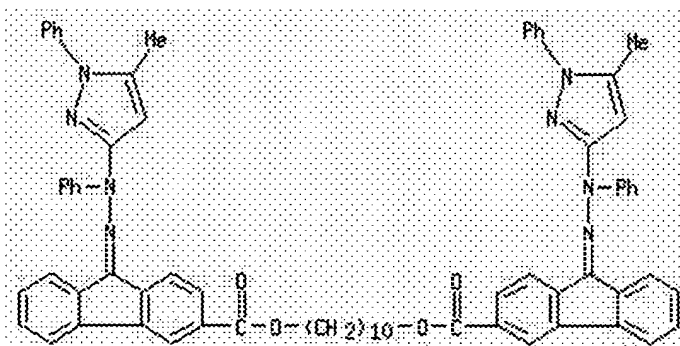
STN Columbus



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

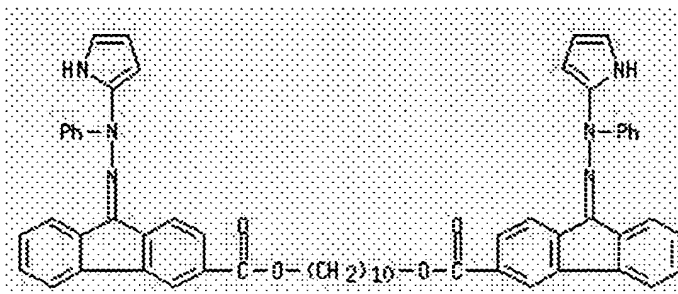
L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-[(5-methyl-1-phenyl-1H-pyrazol-3-yl)phenylhydrazono]-, 1,10-decanediyl ester (9CI)
 MF C70 H62 N8 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L9 21 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 9H-Fluorene-3-carboxylic acid, 9-(phenyl-1H-pyrrol-2-ylhydrazono)-, 1,10-decanediyl ester (9CI)
 MF C58 H52 N6 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> d his

(FILE 'HOME' ENTERED AT 07:46:03 ON 16 MAY 2005)

FILE 'REGISTRY' ENTERED AT 07:46:09 ON 16 MAY 2005

L1 SCREEN 1995
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 0 S SAM L3

FILE 'STNGUIDE' ENTERED AT 07:50:26 ON 16 MAY 2005

FILE 'REGISTRY' ENTERED AT 07:52:59 ON 16 MAY 2005

L5 SCREEN 1995
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 1 S SAM L7
L9 21 S SSS FULL L7

=> s l9 not ge/els

63745 GE/ELS

L10 18 L9 NOT GE/ELS

=> fil ca; s l10

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	169.37	172.83

FILE 'CA' ENTERED AT 08:00:14 ON 16 MAY 2005

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FILE COVERS 1907 - 12 May 2005 VOL 142 ISS 21

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FILE LAST UPDATED: 12 May 2005 (20050512/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

L11 2 L10

=> d fbib 1-2

L11 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 142:363705 CA

TI Organophotoreceptor with charge transport material having fluorenone hydrazone groups

IN Jubran, Nusrallah; Tokarski, Zbigniew; Law, Kam W.

PA USA

SO U.S. Pat. Appl. Publ., 34 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005069794	A1	20050331	US 2003-671172	20030925
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				US 2003-671172	A 20030925
	JP 2005099811	A2	20050414	JP 2004-280261	20040927
				US 2003-671172	A 20030925

L11 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 139:171235 CA

TI Electrophotographic organo-photoreceptors with novel charge transport materials

IN Law, Kam W.; Jubran, Nusrallah; Tokarski, Zbigniew; Katritzky, Alan R.; Jain, Ritu; Maimait, Rexiat

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 1 p.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1335250	A1	20030813	EP 2003-250767	20030206
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				US 2002-355079P	P 20020208
				US 2002-355080P	P 20020208
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			US 2002-355073P	P 20020208
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			US 2002-355228P	P 20020208

OS MARPAT 139:171235

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
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=> fil uspatfull; s l11

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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2005

STN Columbus

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>>> original, i.e., the earliest published granted patents or  <<<
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>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
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>>> records and may be searched in standard search fields, e.g., /PN, <<<
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```

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>>> USPATFULL and USPAT2 can be accessed and searched together  <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to  <<<
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```

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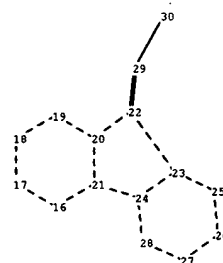
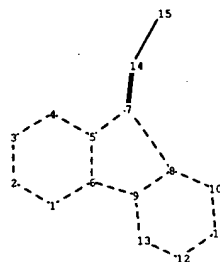
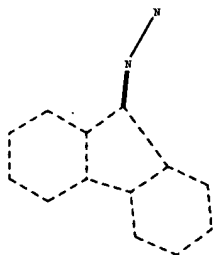
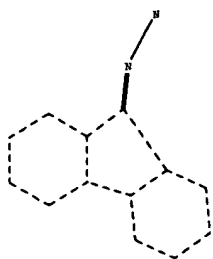
L12 2 L10

=> d pn 1-2

L12 ANSWER 1 OF 2 USPATFULL on STN
PI US 2005069794 A1 20050331

L12 ANSWER 2 OF 2 USPATFULL on STN
PI US 2003198880 A1 20031023

=>



chain nodes :

14 29

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 16 17 18 19 20 21 22 23 24 25 26 27
28

ring/chain nodes :

15 30

chain bonds :

7-14 14-15 22-29 29-30

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 9-13 10-11 11-12 12-13 16-17
16-21 17-18 18-19 19-20 20-21 20-22 21-24 22-23 23-24 23-25 24-28 25-26 26-27
27-28

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-14 8-9 8-10 9-13 10-11 11-12 12-13
14-15 16-17 16-21 17-18 18-19 19-20 20-21 20-22 21-24 22-23 22-29 23-24 23-25
24-28 25-26 26-27 27-28 29-30

Hydrogen count :

15:= exact 0 30:= exact 0

Connectivity :

15:3 E exact RC ring/chain 30:3 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
30:CLASS